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JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

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**B60S 3/06**(21) Application number: **07328831**(71) Applicant: **DAIFUKU CO LTD**(22) Date of filing: **15.12.95**(72) Inventor: **IGARI AKIRA**(54) **WASHING METHOD OF CAR WASHER**

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide the washing method of a car washer by which a wheel can be washed sufficiently and its running cost can be maintained, even at the abnormal time of a sensor.

**SOLUTION:** This car washer is provided with a running distance detection device for detecting the running distance of a car washer main body 1, a car height sensor 17 arranged on the tip part of the main body 1 and a vehicular tip detection sensor 20 for detecting the tip of a vehicle to be washed arranged on the rear end of the main body 1. When a vehicular ceiling start point is detected by the car height sensor 17, the running distance  $C_p$  of the main body 1 is inputted and when the tip of the vehicle to be washed is detected by the sensor 20, the running distance  $C_A$  of the main body 1 is inputted and the running distance  $C_p$  is added to a certain distance  $L$  between a first sensor and a second sensor and the running distance  $C_A$  is reduced and a vehicular bonnet  $LB$  is calculated and it is judged that the vehicle to be washed is a light vehicle, when this bonnet length  $LB$  is shorter than a prescribed length  $X$ .

